

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/053,498 e  
Source: JFW16  
Date Processed by STIC: 01/05/2006

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IFW16

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/053,498C

DATE: 01/05/2006

TIME: 14:32:32

Input Set : E:\8449-429-999 (substitute seqlisting).txt  
 Output Set: N:\CRF4\01052006\J053498C.raw

3 <110> APPLICANT: Sloan-Kettering Institute for Cancer Research  
 4 Rothman, James E.  
 5 Mayhew, Mark  
 6 Hoe, Mee H.  
 7 Houghton, Alan  
 8 Hartl, Ulrich  
 9 Ouerfelli, Ouathek  
 10 Moroi, Yoichi  
 12 <120> TITLE OF INVENTION: CONJUGATE HEAT SHOCK PROTEIN-BINDING PEPTIDES  
 14 <130> FILE REFERENCE: 8449-429-999  
 16 <140> CURRENT APPLICATION NUMBER: 10/053,498C  
 17 <141> CURRENT FILING DATE: 2002-01-17  
 19 <150> PRIOR APPLICATION NUMBER: 08/961,707  
 20 <151> PRIOR FILING DATE: 1997-10-31  
 22 <160> NUMBER OF SEQ ID NOS: 326  
 24 <170> SOFTWARE: PatentIn 3.0  
 26 <210> SEQ ID NO: 1  
 27 <211> LENGTH: 8  
 28 <212> TYPE: PRT  
 29 <213> ORGANISM: Artificial Sequence  
 31 <220> FEATURE:  
 32 <223> OTHER INFORMATION: peptide in m13 coliphage  
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 36 His Thr Thr Val Tyr Gly Ala Gly  
 37 1 5  
 39 <210> SEQ ID NO: 2  
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 41 <212> TYPE: PRT  
 42 <213> ORGANISM: Artificial Sequence  
 44 <220> FEATURE:  
 45 <223> OTHER INFORMATION: peptide in m13 coliphage  
 47 <400> SEQUENCE: 2  
 49 Thr Glu Thr Pro Tyr Pro Thr Gly  
 50 1 5  
 52 <210> SEQ ID NO: 3  
 53 <211> LENGTH: 8  
 54 <212> TYPE: PRT  
 55 <213> ORGANISM: Artificial Sequence  
 57 <220> FEATURE:  
 58 <223> OTHER INFORMATION: peptide in m13 coliphage  
 60 <400> SEQUENCE: 3  
 62 Leu Thr Thr Pro Phe Ser Ser Gly  
 63 1 5

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Input Set : E:\8449-429-999 (substitute seqlisting).txt  
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65 <210> SEQ ID NO: 4  
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68 <213> ORGANISM: Artificial Sequence  
70 <220> FEATURE:  
71 <223> OTHER INFORMATION: peptide in m13 coliphage  
73 <400> SEQUENCE: 4  
75 Gly Val Pro Leu Thr Met Asp Gly  
76 1 5  
78 <210> SEQ ID NO: 5  
79 <211> LENGTH: 8  
80 <212> TYPE: PRT  
81 <213> ORGANISM: Artificial Sequence  
83 <220> FEATURE:  
84 <223> OTHER INFORMATION: peptide in m13 coliphage  
86 <400> SEQUENCE: 5  
88 Lys Leu Pro Thr Val Leu Arg Gly  
89 1 5  
91 <210> SEQ ID NO: 6  
92 <211> LENGTH: 8  
93 <212> TYPE: PRT  
94 <213> ORGANISM: Artificial Sequence  
96 <220> FEATURE:  
97 <223> OTHER INFORMATION: peptide in m13 coliphage  
99 <400> SEQUENCE: 6  
101 Cys Arg Phe His Gly Asn Arg Gly  
102 1 5  
104 <210> SEQ ID NO: 7  
105 <211> LENGTH: 8  
106 <212> TYPE: PRT  
107 <213> ORGANISM: Artificial Sequence  
109 <220> FEATURE:  
110 <223> OTHER INFORMATION: peptide in m13 coliphage  
112 <400> SEQUENCE: 7  
114 Tyr Thr Arg Asp Phe Glu Ala Gly  
115 1 5  
117 <210> SEQ ID NO: 8  
118 <211> LENGTH: 8  
119 <212> TYPE: PRT  
120 <213> ORGANISM: Artificial Sequence  
122 <220> FEATURE:  
123 <223> OTHER INFORMATION: peptide in m13 coliphage  
125 <400> SEQUENCE: 8  
127 Ser Ser Ala Ala Gly Pro Arg Gly  
128 1 5  
130 <210> SEQ ID NO: 9  
131 <211> LENGTH: 8  
132 <212> TYPE: PRT  
133 <213> ORGANISM: Artificial Sequence

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135 <220> FEATURE:  
136 <223> OTHER INFORMATION: peptide in m13 coliphage  
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140 Ser Leu Ile Gln Tyr Ser Arg Gly  
141 1 5  
143 <210> SEQ ID NO: 10  
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145 <212> TYPE: PRT  
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148 <220> FEATURE:  
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151 <220> FEATURE:  
152 <221> NAME/KEY: MISC\_FEATURE  
153 <222> LOCATION: (7)..(7)  
154 <223> OTHER INFORMATION: unknown  
156 <400> SEQUENCE: 10  
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159 1 5  
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163 <212> TYPE: PRT  
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166 <220> FEATURE:  
167 <223> OTHER INFORMATION: peptide in m13 coliphage  
169 <220> FEATURE:  
170 <221> NAME/KEY: MISC\_FEATURE  
171 <222> LOCATION: (3)..(3)  
172 <223> OTHER INFORMATION: unknown  
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177 1 5  
179 <210> SEQ ID NO: 12  
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181 <212> TYPE: PRT  
182 <213> ORGANISM: Artificial Sequence  
184 <220> FEATURE:  
185 <223> OTHER INFORMATION: peptide in m13 coliphage  
187 <400> SEQUENCE: 12  
189 Phe Asn Thr Ser Thr Arg Thr Gly  
190 1 5  
192 <210> SEQ ID NO: 13  
193 <211> LENGTH: 8  
194 <212> TYPE: PRT  
195 <213> ORGANISM: Artificial Sequence  
197 <220> FEATURE:  
198 <223> OTHER INFORMATION: peptide in m13 coliphage  
200 <400> SEQUENCE: 13  
202 Thr Val Gln His Val Ala Phe Gly  
203 1 5

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Input Set : E:\8449-429-999 (substitute seqlisting).txt  
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205 <210> SEQ ID NO: 14  
206 <211> LENGTH: 8  
207 <212> TYPE: PRT  
208 <213> ORGANISM: Artificial Sequence  
210 <220> FEATURE:  
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213 <400> SEQUENCE: 14  
215 Asp Tyr Ser Phe Pro Pro Leu Gly  
216 1 5  
218 <210> SEQ ID NO: 15  
219 <211> LENGTH: 8  
220 <212> TYPE: PRT  
221 <213> ORGANISM: Artificial Sequence  
223 <220> FEATURE:  
224 <223> OTHER INFORMATION: peptide in m13 coliphage  
226 <400> SEQUENCE: 15  
228 Val Gly Ser Met Glu Ser Leu Gly  
229 1 5  
231 <210> SEQ ID NO: 16  
232 <211> LENGTH: 8  
233 <212> TYPE: PRT  
234 <213> ORGANISM: Artificial Sequence  
236 <220> FEATURE:  
237 <223> OTHER INFORMATION: peptide in m13 coliphage  
239 <220> FEATURE:  
240 <221> NAME/KEY: MISC\_FEATURE  
241 <222> LOCATION: (2)..(2)  
242 <223> OTHER INFORMATION: unknown  
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245 <221> NAME/KEY: MISC\_FEATURE  
246 <222> LOCATION: (6)..(6)  
247 <223> OTHER INFORMATION: unknown  
249 <400> SEQUENCE: 16  
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252 1 5  
254 <210> SEQ ID NO: 17  
255 <211> LENGTH: 8  
256 <212> TYPE: PRT  
257 <213> ORGANISM: Artificial Sequence  
259 <220> FEATURE:  
260 <223> OTHER INFORMATION: peptide in m13 coliphage  
262 <400> SEQUENCE: 17  
264 Ala Pro Pro Arg Val Thr Met Gly  
265 1 5  
267 <210> SEQ ID NO: 18  
268 <211> LENGTH: 8  
269 <212> TYPE: PRT  
270 <213> ORGANISM: Artificial Sequence  
272 <220> FEATURE:

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Input Set : E:\8449-429-999 (substitute seqlisting).txt  
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273 <223> OTHER INFORMATION: peptide in m13 coliphage  
275 <400> SEQUENCE: 18  
277 Ile Ala Thr Lys Thr Pro Lys Gly  
278 1 5  
280 <210> SEQ ID NO: 19  
281 <211> LENGTH: 8  
282 <212> TYPE: PRT  
283 <213> ORGANISM: Artificial Sequence  
285 <220> FEATURE:  
286 <223> OTHER INFORMATION: peptide in m13 coliphage  
288 <400> SEQUENCE: 19  
290 Lys Pro Pro Leu Phe Gln Ile Gly  
291 1 5  
293 <210> SEQ ID NO: 20  
294 <211> LENGTH: 8  
295 <212> TYPE: PRT  
296 <213> ORGANISM: Artificial Sequence  
298 <220> FEATURE:  
299 <223> OTHER INFORMATION: peptide in m13 coliphage  
301 <400> SEQUENCE: 20  
303 Tyr His Thr Ala His Asn Met Gly  
304 1 5  
306 <210> SEQ ID NO: 21  
307 <211> LENGTH: 8  
308 <212> TYPE: PRT  
309 <213> ORGANISM: Artificial Sequence  
311 <220> FEATURE:  
312 <223> OTHER INFORMATION: peptide in m13 coliphage  
314 <400> SEQUENCE: 21  
316 Ser Tyr Ile Gln Ala Thr His Gly  
317 1 5  
319 <210> SEQ ID NO: 22  
320 <211> LENGTH: 8  
321 <212> TYPE: PRT  
322 <213> ORGANISM: Artificial Sequence  
324 <220> FEATURE:  
325 <223> OTHER INFORMATION: peptide in m13 coliphage  
327 <400> SEQUENCE: 22  
329 Ser Ser Phe Ala Thr Phe Leu Gly  
330 1 5  
332 <210> SEQ ID NO: 23  
333 <211> LENGTH: 8  
334 <212> TYPE: PRT  
335 <213> ORGANISM: Artificial Sequence  
337 <220> FEATURE:  
338 <223> OTHER INFORMATION: peptide in m13 coliphage  
340 <400> SEQUENCE: 23  
342 Thr Thr Pro Pro Asn Phe Ala Gly  
343 1 5

RAW SEQUENCE LISTING ERROR SUMMARY                    DATE: 01/05/2006  
PATENT APPLICATION: US/10/053,498C                    TIME: 14:32:33

Input Set : E:\8449-429-999 (substitute seqlisting).txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:10; Xaa Pos. 7  
Seq#:11; Xaa Pos. 3  
Seq#:16; Xaa Pos. 2,6  
Seq#:47; N Pos. 19  
Seq#:48; N Pos. 8  
Seq#:53; N Pos. 6,16,18  
Seq#:100; Xaa Pos. 5  
Seq#:133; N Pos. 14  
Seq#:251; Xaa Pos. 7  
Seq#:252; Xaa Pos. 3  
Seq#:257; Xaa Pos. 2,6  
Seq#:304; Xaa Pos. 5  
Seq#:322; Xaa Pos. 1,2,3,4,5  
Seq#:323; Xaa Pos. 1,2,3,4  
Seq#:324; Xaa Pos. 1,2,3,4,5,6  
Seq#:325; Xaa Pos. 1,2,3,4  
Seq#:326; Xaa Pos. 1,2,3,4,5,6,7

VERIFICATION SUMMARY  
PATENT APPLICATION: US/10/053,498C

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Input Set : E:\8449-429-999 (substitute seqlisting).txt  
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L:158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
L:176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0  
L:251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0  
L:650 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:0  
L:667 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0  
L:742 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:0  
L:1336 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:100 after pos.:0  
L:1745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:133 after pos.:0  
L:3276 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:251 after pos.:0  
L:3294 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:252 after pos.:0  
L:3369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:257 after pos.:0  
L:3985 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:304 after pos.:0  
L:4231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:322 after pos.:0  
L:4255 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:323 after pos.:0  
L:4279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:324 after pos.:0  
L:4303 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:325 after pos.:0  
L:4332 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:326 after pos.:0